

NEWS BULLETIN

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The Institution of Engineers (India)

NASHIK LOCAL CENTRE

"A Century of Service to the Nation"

The Institution of Engineers (India) Nashik Local Centre has emerged as the most active and vibrant centre in the state of Maharashtra. This centre was started in 1984 with only 210 members. Now the strength of this centre has grown to 3200 corporate members and 10000 Technician members. Nashik Local Centre comprises of entire North Maharashtra region i.e. Nashik, Dhule, Nandurbar & Jalgaon districts.

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01



Workshop on "Design Thinking"

Program content>> Thorough insights into Design Thinking>> Understanding the 5-step process>> Practical approaches for implementation>> Learn iterative & Prototype-Driven Approach

Key takeaways

Develop user-centric mindset
Empathy driven innovation
Develop collaborative approach
earn actionable framework

Group Work: Empathy & Define

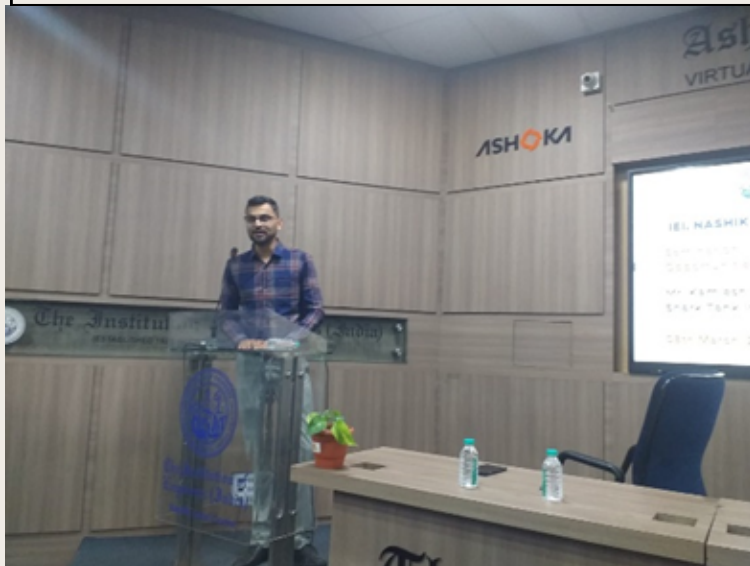
Parul Dadhich
FCS, MBA, ICF-Coach, Design Thinking Trainer

About
Design Thinking is a human-centered, iterative problem-solving approach that emphasizes empathy, creativity, and experimentation to develop innovative solutions. It involves understanding user needs, redefining problems, ideating, prototyping, and testing.



The Institution of Engineers (India), Nashik Local Centre, in association with Yi Nashik, successfully organized a seminar on "Real Challenges & Opportunities as an Entrepreneur" on 8th March 2025.

Speaker : Mr. Kamlesh N. Ghumare, Shark Tank India Fame, also known as "Jugadu Kamlesh."



Kamlesh Nanasaheb Ghumare, the founder of KG Agrotech, was featured in Shark Tank India Season 1, Episode 23. During his appearance, he shared the journey of his innovative product, detailing how he developed it and the challenges he overcame to bring it to life. His story and energy deeply impressed all the sharks.



Seminar on "Real Challenges & Opportunities as an Entrepreneur" on 8th March 2025.



Kamlesh, along with his partner Naru, created a multipurpose product designed to assist farmers in several ways: spraying pesticides, dropping seeds, and carrying luggage. Traditionally, farmers spray pesticides or drop seeds by lifting a sprayer tank on their shoulders, a task that is both physically taxing and time-consuming. Additionally, these pesticides can cause severe health issues if they come in contact with the mouth or eyes, something Kamlesh personally experienced when his father fell ill due to pesticide exposure.

To address this issue, Kamlesh designed a trolley sprayer, allowing the sprayer tank to be placed on a trolley that can be easily moved with minimal effort. This innovation not only saves time but also significantly reduces the physical strain on farmers, helping to improve their health and efficiency.

The event was also graced by the presence of Chairman Er. Samir Kothari, Hon. Secretary Er. Vedant Rathi, and IEI Council Members Er. Manish Kothari, Er. Narendra Birar, Er. Sumit Khinvasara, Er. Dhiraj Picha, and Er. Dipak Patil.



World Engineering Day for Sustainable Development

March 4, 2025

Theme: Unleashing the Power of Engineers to Advance the Sustainable Development Goals

World Engineering Day for Sustainable Development is celebrated on 4th March every year. It highlights the pivotal role of engineering in driving sustainable progress worldwide. The theme for 2025, "Unleashing the Power of Engineers to Advance the Sustainable Development Goals," emphasizes the crucial contributions engineers make in addressing global challenges such as climate change, poverty, and inequality. Engineers are at the forefront of developing innovative solutions that create positive environmental, economic, and social impacts. By fostering interdisciplinary collaboration, the engineering community plays an essential role in accelerating the achievement of the United Nations' Sustainable Development Goals (SDGs).

The application of engineering solutions is instrumental in tackling majority of the world's pressing problems. From renewable energy technologies to water purification systems and smart infrastructure, engineers design and implement technologies that make our world more sustainable. By creating systems that minimize resource consumption, enhance efficiency, and reduce environmental harm, engineering directly supports sustainable development. Engineers contribute in advancing green technologies, which help reduce carbon emissions and mitigate the effects of global warming to address the SDGs, ensuring a more equitable and sustainable future for all.

In addition to technological advancements, engineers also influence the socio-economic dimension of sustainability. On World Engineering Day 2025, it is essential to recognize the immense value engineers bring in advancing the SDGs and fostering a sustainable world. Their collective efforts can unlock a future where both people and the planet thrive in harmony.

The Institution of Engineers (India) earnestly urges all IEI State & Local Centres, as well as its affiliated entities, to celebrate the World Engineering Day for Sustainable Development-2025, actively participating in the associated activities to foster a collective commitment towards a sustainable future.



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World Water Day 2025

Theme: Glacier Preservation

March 22, 2025

World Water Day is observed on 22nd March every year by The United Nations. The theme for the year 2025 is "Glacier Preservation," emphasizing the critical role glaciers play in sustaining the global water supply. Glaciers are melting rapidly, disrupting water flows and affecting millions through floods, droughts, and rising sea levels. Mitigating climate change and adapting to the loss of glaciers is essential to protect communities and ecosystems.

The theme emphasizes the need for global action to manage melt-water sustainably and reduce emissions, securing vital water resources for the future.

The theme highlights the essential role glaciers play in providing freshwater to millions of people. Glaciers store roughly 70% of the world's fresh water, serving as critical sources for drinking water, agriculture, and hydropower. However, the rapid retreat of glaciers, driven by climate change, threatens these vital resources. The theme urges global action to protect glaciers, which are not only crucial for water supply but also for sustaining the ecosystems dependent on glacial melt-water.

Efforts to preserve glaciers require a multifaceted approach, including reducing greenhouse gas emissions, promoting sustainable energy, and implementing policies aimed at conserving these natural resources. Technological advancements, such as satellite monitoring and climate models, are essential in assessing glacier health and predicting future changes. Conservation initiatives in glacier-rich regions are also vital in mitigating human impact and ensuring the continued flow of glacial water. By prioritizing glacier preservation, we secure vital freshwater, protect biodiversity, and enhance the resilience of vulnerable communities against climate change.

